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GENERAL ELECTRIC CO LYNN MA AIRCRAFT ENGINE GROUP

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MARITIME PATROL AIRCRAFT ENGINE STUDY, GENERAL ELECTRIC DERIVAT--ETC(U)

APR 79 R HIRSCHKRON, R H DAVIS, R E WARREN N62269-78-C-0414

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This study developed data on General Electric common core derivative engines for use in Maritime Patrol Aircraft (MPA) concept formulation studies. The study included the screening of potential General Electric turbofan and turboprop/turboshaft engines and the preparation of technical		

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and planning information on three of the most promising engine candidates. Screening of General Electric derivative candidates was performed utilizing an analytical MPA model using synthesized mission profiles to rank the candidates in terms of fuel consumption, weight, cost and complexity. The three turboprop engines selected for further study were as follows: TF34 growth derivative version with boost and new LPT (TF34/T7 Study A1), F404 derivative with booster stages and new LPT (F404/T1 Study A1), and GE27 scaled and boosted study engine (GE27/T3 Study A1). Volume I summarizes the screening analysis and contains technical, planning, installation, cost and development data for the three selected turboprop engines. Volumes II, III and IV of this report contain the detailed performance data estimates for the GE27/T3 Study A1, TF34/T7 Study A1 and F404/T1 Study A1 turboprop engines, respectively.

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TECHNICAL INFORMATION SERIES

Title Page

VOLUME II

AUTHOR R. Hirschkron R. H. Davis R. E. Warren	SUBJECT MPA PROPULSION STUDY FINAL REPORT	NO. R79AEG052
TITLE G.E. CLASS <u>3</u> GOVT. CLASS <u>U</u> MPA PROPULSION STUDY - FINAL REPORT (4 VOLUMES)		DATE 4/26/79
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SUMMARY G.E. CLASS <u>3</u> GOVT. CLASS <u>Unclassified</u>		

Turboshaft performance and economic data is provided for three engines to report Maritime Patrol Aircraft (MPA) studies being carried out by airframe companies under USN contract. The three engines are the GE27/T3 Study Al, an advanced 8000 SHP engine, the TF34/T7 Study Al, an 9500 SHP derivative of a growth TF34 engine and the F404/T1 Study Al, a turboshaft derivative of the F404 turbofan engine in the 12500 SHP class.

KEY WORDS

MPA, GE27/T3 Study Al, TF34/T7 Study Al,
F404/T1 Study Al, Turboprop, Turboshaft

CONTRACT NUMBER N62269-78-C-0414 SPONSORING ORGANIZATION U. S. Navy

APPROVED BY R. E. Neitzel  Lynn Preliminary Design
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DEPT./OPERATION AE&TPD LOCATION Lynn, Mass.

AIRCRAFT ENGINE GROUP

DV 217

R79AEG052

MPA PROPULSION STUDY

FINAL REPORT

(IN FOUR VOLUMES)

by

R. Hirschkron
R. H. Davis
R. E. Warren

April 26, 1979

Prepared for U. S. Navy under Contract N62269-78-C-0414

APPENDIX A

The performance data contained in this appendix is for the GE27/T3 Study Al engine. Tables are included which define the flight conditions and operating points, nomenclature and station designations.

All data is uninstalled and is based on a fuel heating value of 18400 Btu/lbm.

APPENDIX A

GE 27/T3 STUDY A1

RAM RECOVERY =1, CUSTOMER BLEED =0, POWER EXTRACTION =0

<u>Case No.</u>	<u>Alt.</u>	<u>Mo</u>	<u>Day</u>	<u>Power Settings</u>
1-6	0	0	STD	Max, IRP, MC, Part Power
7-12	0	.1		
13-18	0	.2		
19-24	0	.3		
25-30	0	0	HOT	
31-36	0	.1		
37-42	0	.2		
43-48	0	.3		
49-53	0	.4	STD	IRP, MC, Part Power
54-58	0	.5		
59-63	0	.6		
64-68	0	.7		
69-73	0	.75		
74-78	0	.8		
80-84	5K	.2		
85-89	5K	.3		
90-94	5K	.4		
95-99	5K	.5		
100-104	5K	.6		
105-109	10K	.2		
110-114	10K	.3		
115-119	10K	.4		
120-124	10K	.5		
125-129	10K	.6		
130-134	10K	.7		
135-139	10K	.75		
140-144	10K	.8		
145-149	15K	.3		
150-154	15K	.4		
155-159	15K	.5		
160-164	15K	.6		
165-169	15K	.7		
170-174	15K	.75		
175-179	15K	.8		
180-184	20K	.4	STD	
185-189	20K	.5		
190-194	20K	.6		
195-199	20K	.7		

APPENDIX A

<u>Case No.</u>	<u>Alt.</u>	<u>Mo</u>	<u>Day</u>	<u>Power Settings</u>
200-204	20K	.75	STD	IRP MC, Part Power
205-209	20K	.8		
210-214	25K	.4		
215-219	25K	.5		
220-224	25K	.6		
225-229	25K	.7		
230-234	25K	.75		
235-239	25K	.8		
240-244	30K	.4		
245-249	30K	.5		
250-254	30K	.6		
255-259	30K	.7		
260-264	30K	.75		
265-269	30K	.8		
270-274	35K	.5		
275-279	35K	.6		
280-284	35K	.7		
285-289	35K	.75		
290-294	35K	.8		
295-299	40K	.5		
300-304	40K	.6		
305-309	40K	.7		
310-314	40K	.75		
315-319	40K	.8		
320-324	45K	.5		
325-329	45K	.6		
330-334	45K	.7		
335-339	45K	.75		
340-344	45K	.8		
345	0	0	TROP	MAX

APPENDIX ANOMENCLATURE

<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>UNITS</u>
CASE	Numerical data point identification	-
ALT	Geopotential pressure altitude	ft
XM	Flight Mach number	-
ERAM1	Inlet ram recovery	-
WB3Q	Customer air bleed (fraction of W1)	-
PAMB	Ambient pressure	psia
TAMB	Ambient temperatures	°R
DTAMB	Deviation from standard ambient temperature (ambient minus standard temperature)	°F
P2	First compressor inlet total pressure	psia
T2	First compressor inlet total temperature	°R
PWSD	Output shaft horsepower, delivered	hp
SFC	Specific fuel consumption (WFT/PWSD)	lbm/hr/hp
EPWSD	Equivalent output shaft horsepower, delivered	hp
ESFC	Equivalent specific fuel consumption (WFT/EPWSD)	lbm/hr/hp
WFT	Fuel flow rate	lbm/hr
FN	Net thrust (in axial direction)	lbf
W1	Engine inlet airflow rate	lbm/sec
W1R	Referred engine inlet airflow rate	lbm/sec
W2R	Referred booster inlet airflow rate	lbm/sec
P21Q2	Booster pressure ratio	-
ECL	Booster adiabatic efficiency	-
W25R	Referred compressor inlet airflow rate	lbm/sec
P3Q25	Compressor pressure ratio	-
ECH	Compressor adiabatic efficiency	-

APPENDIX A

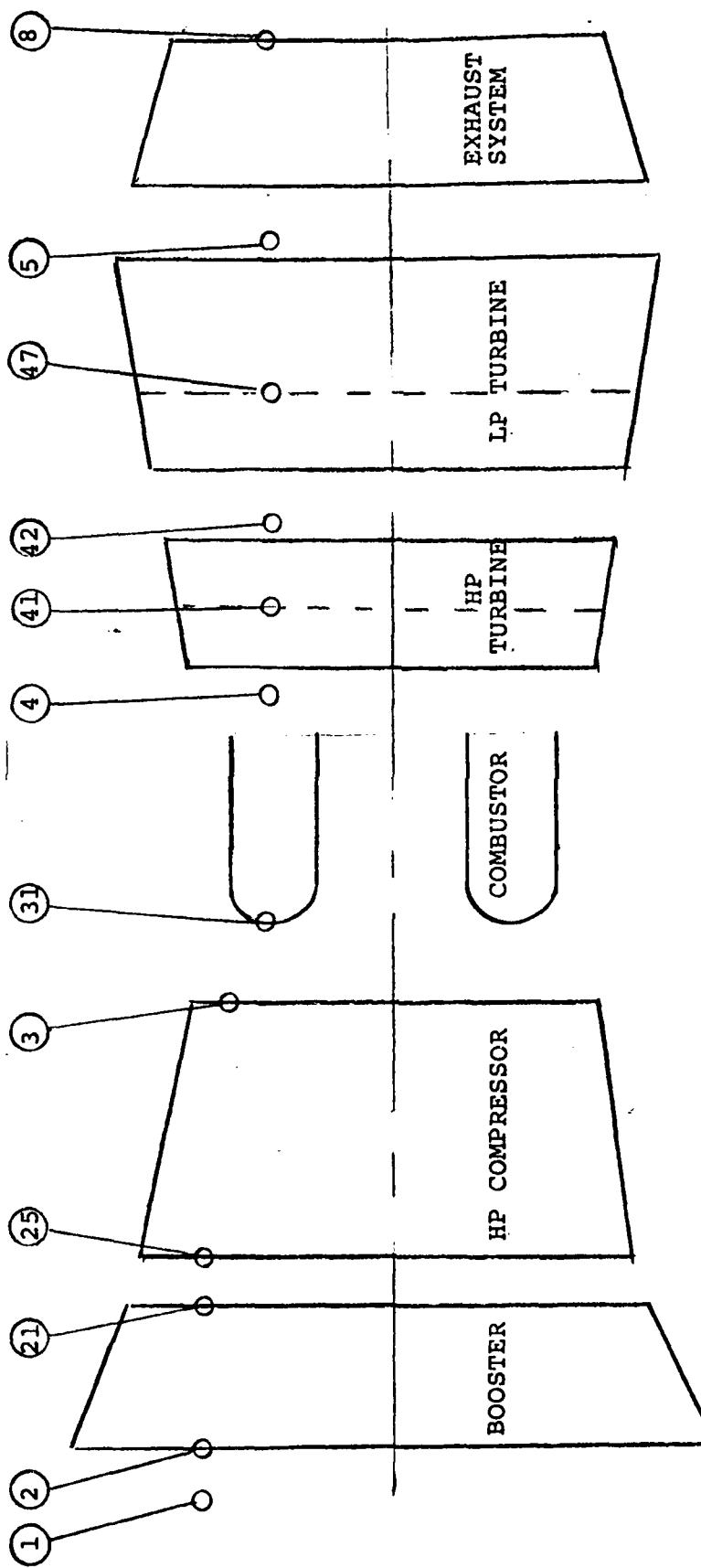
<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>UNITS</u>
PB3	Compressor discharge air bleed pressure	psia
TB3	Compressor discharge air bleed temperature	°R
EB	Combustor efficiency	-
T41	HP turbine rotor inlet temperature	°R
DH41R	HP turbine referred energy function	Btu/lbm/°R
P41Q42	HP turbine pressure ratio	-
ETH	HP turbine adiabatic efficiency	-
T47	LP turbine rotor inlet temperature	°R
DH47R	LP turbine referred energy function	Btu/lbm/°R
P47Q5	LP turbine pressure ratio	-
ETL	LP turbine adiabatic efficiency	-
XNL	LP turbine rotor speed (output shaft speed)	rpm
GW3S42	Ratio of parasitic flow originating at station 3 and reentering at station 42 to compressor inlet flow.	-
GW3S49	Ratio of parasitic flow originating at station 3 and reentering at station 49 to compressor inlet flow.	-
GW2742	Ratio of parasitic flow originating at station 27 and reentering at station 42 to compressor inlet flow.	-
GW2749	Ratio of parasitic flow originating at station 27 and reentering at station 49 to compressor inlet flow.	-
GWLK3	Ratio of overboard leakage flow from station 3 to compressor inlet flow.	-
GHW27	Enthalpy fraction at station 27, $(H27-H25)/(H3-H25)$ -	-
PWPAR	High pressure rotor parasitic power	hp
P2125Q	Inter-compressor pressure loss	-
P3D41Q	Combustor pressure loss	-
P4247Q	Inter-turbine pressure loss	-
P5D8Q	Exhaust system pressure loss	-

APPENDIX A

<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>UNITS</u>
CD8	Exhaust nozzle flow discharge coefficient	-
CV8	Exhaust nozzle velocity coefficient	-
A8	Exhaust nozzle area	sq. in.
P8QAMB	Exhaust nozzle pressure ratio	-
T8	Exhaust gas temperature	°R
W8	Exhaust gas flow rate	lbm/sec
P8	Exhaust gas pressure	psia

APPENDIX A

STATION DESIGNATION SCHEMATIC DIAGRAM



<u>Station</u>	<u>Designation</u>
1	Engine Inlet
2	Booster Inlet
21	Booster Discharge
25	HP Compressor Inlet
3	HP Compressor Discharge
31	Combustor Inlet
4	Combustor Discharge
41	HP Turbine First Rotor Inlet
42	HP Turbine Discharge
47	LP Turbine First Rotor Inlet
5	LP Turbine Discharge
8	Exhaust Nozzle Discharge (Throat)

APPENDIX A

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	1.0000	2.0000	3.0000	4.0000	5.0000	6.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.	0.	0.	0.	0.	0.
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	14.696	14.696	14.696	14.696	14.696	14.696
T2	518.67	518.67	518.67	518.67	518.67	518.67
PWSD	7996.9	6895.7	6435.2	4963.3	3315.5	2026.8
EPWSD	8474.8	7304.8	6815.2	5240.1	3503.5	2149.2
SFC	0.4303	0.4415	0.4456	0.4756	0.5273	0.6185
ESFC	0.4060	0.4168	0.4208	0.4505	0.4990	0.5833
WFT	3441.1	3044.3	2867.6	2360.4	1748.2	1253.6
FN	1194.76	1022.82	949.94	692.05	470.04	305.94
W1	42.547	39.813	38.632	33.823	28.540	23.566
XNL	12359.	11852.	11444.	10038.	8627.	7445.
PB3	309.46	284.00	272.85	229.17	184.85	145.35
TB3	1364.4	1330.5	1314.8	1249.8	1179.0	1104.8
P8	17.172	16.798	16.641	16.095	15.635	15.302
T8	1571.0	1531.6	1509.2	1429.9	1360.5	1297.2

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	7.0000	8.0000	9.0000	10.0000	11.0000	12.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	14.799	14.799	14.799	14.799	14.799	14.799
T2	519.71	519.71	519.71	519.71	519.71	519.71
PWSD	8030.0	6935.1	6473.6	4995.0	3339.9	2045.5
EPWSD	8297.7	7161.5	6682.5	5142.5	3435.3	2103.3
SFC	0.4293	0.4400	0.4440	0.4739	0.5250	0.6150
ESFC	0.4155	0.4261	0.4302	0.4603	0.5104	0.5981
WFT	3447.5	3051.5	2874.6	2366.9	1753.5	1257.9
FN	1054.42	891.93	822.94	580.79	375.88	227.88
W1	42.644	39.930	38.750	33.942	28.655	23.676
XNL	12359.	11823.	11415.	10022.	8620.	7443.
PB3	310.18	284.83	273.69	229.99	185.61	146.03
TB3	1365.1	1331.4	1315.7	1250.8	1180.2	1106.1
P8	17.183	16.808	16.651	16.104	15.642	15.307
T8	1570.3	1530.4	1507.9	1428.8	1359.4	1295.9

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	13.0000	14.0000	15.0000	16.0000	17.0000	18.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	15.112	15.112	15.112	15.112	15.112	15.112
T2	522.83	522.83	522.83	522.83	522.83	522.83
PWSD	8129.9	7055.6	6588.9	5091.4	3413.7	2102.1
EPWSD	8597.9	7446.0	6945.8	5333.0	3559.1	2179.6
SFC	0.4264	0.4356	0.4394	0.4688	0.5184	0.6046
ESFC	0.4032	0.4128	0.4169	0.4476	0.4973	0.5831
WFT	3466.9	3073.4	2895.5	2387.1	1769.8	1270.8
FN	921.84	769.01	702.93	475.98	286.33	152.72
W1	42.940	40.288	39.103	34.311	29.004	24.006
XNL	12359.	11734.	11330.	9979.	8600.	7438.
PB3	312.34	287.41	276.20	232.50	187.90	148.10
TB3	1367.2	1334.2	1318.5	1254.0	1183.6	1110.0
P8	17.215	16.842	16.681	16.131	15.664	15.323
T8	1568.4	1526.7	1504.3	1425.6	1356.1	1292.2

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	19.0000	20.0000	21.0000	22.0000	23.0000	24.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67	518.67
P2	15.644	15.644	15.644	15.644	15.644	15.644
T2	528.04	528.04	528.04	528.04	528.04	528.04
PWSD	8296.4	7257.5	6772.8	5251.1	3537.4	2198.3
EPWSD	8902.3	7754.1	7220.9	5536.9	3688.9	2258.0
SFC	0.4219	0.4286	0.4325	0.4609	0.5080	0.5879
ESFC	0.3931	0.4011	0.4057	0.4371	0.4871	0.5724
WFT	3499.9	3110.2	2929.2	2420.3	1796.9	1292.5
FN	795.59	652.06	588.33	375.30	199.00	78.44
W1	43.443	40.892	39.674	34.922	29.591	24.565
XNL	12359.	11588.	11218.	9911.	8565.	7431.
PB3	316.03	291.76	280.28	236.69	191.75	151.60
TB3	1370.7	1338.7	1322.8	1259.1	1189.4	1116.5
P8	17.269	16.899	16.734	16.178	15.699	15.349
T8	1565.3	1520.8	1498.9	1420.3	1350.6	1285.9

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	25.0000	26.0000	27.0000	28.0000	29.0000	30.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.	0.	0.	0.	0.	0.
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	14.696	14.696	14.696	14.696	14.696	14.696
T2	562.67	562.67	562.67	562.67	562.67	562.67
PWSD	6190.8	5368.8	4978.5	3800.1	2462.4	1411.3
EPWSD	6539.7	5674.3	5263.3	4008.1	2603.5	1500.0
SFC	0.4563	0.4698	0.4776	0.5146	0.5860	0.7210
ESFC	0.4320	0.4446	0.4518	0.4879	0.5542	0.6783
WFT	2825.1	2522.5	2377.8	1955.6	1442.9	1017.5
FN	872.18	763.63	711.91	520.07	352.68	221.75
W1	35.658	33.799	32.845	28.819	24.284	19.658
XNL	11431.	10809.	10550.	9360.	8163.	7001.
PB3	259.56	241.35	232.23	195.46	157.48	121.39
TR3	1397.3	1367.3	1351.8	1287.0	1215.1	1133.6
P8	16.475	16.245	16.137	15.738	15.397	15.134
T8	1616.9	1574.6	1554.0	1473.0	1405.5	1348.4

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	31.0000	32.0000	33.0000	34.0000	35.0000	36.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	14.799	14.799	14.799	14.799	14.799	14.799
T2	563.80	563.80	563.80	563.80	563.80	563.80
PWSD	6223.8	5401.2	5008.7	3826.2	2483.1	1428.2
EPWSD	6422.0	5572.4	5167.1	3937.5	2554.2	1468.9
SFC	0.4550	0.4683	0.4760	0.5126	0.5829	0.7154
ESFC	0.4410	0.4539	0.4614	0.4981	0.5667	0.6956
WFT	2831.8	2529.2	2383.9	1961.3	1447.5	1021.7
FN	750.00	647.91	599.23	421.10	268.98	153.96
W1	35.764	33.912	32.954	28.930	24.389	19.771
XNL	11408.	10789.	10540.	9349.	8159.	7006.
PB3	260.34	242.16	233.00	196.22	158.17	122.10
TB3	1398.2	1368.4	1352.9	1288.2	1216.4	1135.2
P8	16.485	16.255	16.145	15.746	15.403	15.138
T8	1615.9	1573.5	1552.9	1471.9	1404.2	1346.7

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	37.0000	38.0000	39.0000	40.0000	41.0000	42.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	15.112	15.112	15.112	15.112	15.112	15.112
T2	567.18	567.18	567.18	567.18	567.18	567.18
PWSD	6323.6	5494.5	5100.8	3905.3	2545.5	1479.3
EPWSD	6659.5	5779.1	5361.3	4078.1	2645.2	1526.0
SFC	0.4512	0.4638	0.4711	0.5067	0.5741	0.6992
ESFC	0.4285	0.4409	0.4482	0.4852	0.5525	0.6778
WFT	2853.3	2548.3	2402.9	1978.6	1461.3	1034.3
FN	635.38	538.31	492.80	326.97	188.51	88.34
W1	36.104	34.238	33.289	29.268	24.707	20.112
XNL	11334.	10753.	10488.	9318.	8149.	7020.
PB3	262.84	244.52	235.39	198.54	160.26	124.24
TB3	1401.2	1371.4	1356.0	1291.9	1220.4	1140.2
P8	16.516	16.282	16.172	15.768	15.419	15.152
T8	1613.1	1570.4	1549.6	1468.5	1400.5	1341.9

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	43.0000	44.0000	45.0000	46.0000	47.0000	48.0000
ALT	0.	0.	0.	0.	0.	0.
XM	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696	14.696
TAMB	562.67	562.67	562.67	562.67	562.67	562.67
P2	15.643	15.643	15.643	15.643	15.643	15.643
T2	572.82	572.82	572.82	572.82	572.82	572.82
PWSD	6498.8	5650.7	5255.2	4038.6	2650.9	1567.4
EPWSD	6916.6	5994.2	5565.1	4225.5	2737.5	1585.5
SFC	0.4448	0.4567	0.4633	0.4971	0.5600	0.6736
ESFC	0.4179	0.4305	0.4375	0.4751	0.5423	0.6659
WFT	2890.4	2580.4	2435.0	2007.6	1484.4	1055.8
FN	526.83	433.16	390.82	235.79	109.26	22.83
W1	36.696	34.789	33.860	29.835	25.241	20.698
XNL	11228.	10687.	10406.	9267.	8131.	7045.
PB3	267.20	248.49	239.45	202.43	163.76	127.92
TB3	1406.5	1376.5	1361.4	1298.0	1226.9	1148.6
P8	16.570	16.328	16.218	15.806	15.447	15.176
T8	1608.0	1565.4	1544.3	1463.0	1394.4	1333.7

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	49.0000	50.0000	51.0000	52.0000	53.0000
ALT	0.	0.	0.	0.	0.
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	16.411	16.411	16.411	16.411	16.411
T2	535.33	535.33	535.33	535.33	535.33
PWSD	7537.6	7033.6	5474.2	3708.8	2309.7
EPWSD	8085.3	7518.7	5755.0	3822.2	2311.1
SFC	0.4195	0.4235	0.4506	0.4945	0.5694
ESFC	0.3911	0.3961	0.4286	0.4798	0.5691
WFT	3162.4	2978.4	2466.5	1833.8	1315.2
FN	539.40	477.75	276.51	111.75	1.30
W1	41.752	40.511	35.784	30.400	25.196
XNL	11403.	11068.	9819.	8521.	7359.
PB3	297.95	286.24	242.58	197.07	155.52
TB3	1345.0	1329.0	1266.4	1197.3	1124.9
P8	16.982	16.811	16.245	15.749	15.379
T8	1513.1	1491.7	1413.4	1343.6	1279.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	54.0000	55.0000	56.0000	57.0000	58.0000
ALT	0.	0.	0.	0.	0.
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAMI	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	17.436	17.436	17.436	17.436	17.436
T2	544.69	544.69	544.69	544.69	544.69
PWSD	7893.6	7363.1	5752.0	3932.1	2486.7
EPWSD	8438.3	7836.6	5976.8	3961.0	2387.0
SFC	0.4091	0.4139	0.4387	0.4784	0.5441
ESFC	0.3827	0.3889	0.4222	0.4749	0.5668
WFT	3229.6	3047.7	2523.4	1880.9	1353.1
FN	429.16	373.02	177.06	22.81	-78.53
W1	42.866	41.705	36.863	31.452	26.209
XNL	11213.	10890.	9699.	8473.	7308.
PB3	305.97	294.77	249.97	203.98	161.85
TB3	1353.1	1338.1	1275.5	1207.5	1136.3
P8	17.092	16.926	16.330	15.816	15.429
T8	1504.1	1483.7	1405.5	1334.8	1268.8

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	59.0000	60.0000	61.0000	62.0000	63.0000
ALT	0.	0.	0.	0.	0.
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	18.749	18.749	18.749	18.749	18.749
T2	556.13	556.13	556.13	556.13	556.13
PWSD	8314.9	7769.8	6094.5	4208.4	2706.3
EPWSD	8810.0	8179.5	6211.4	4100.8	2457.5
SFC	0.3992	0.4031	0.4255	0.4604	0.5167
ESFC	0.3768	0.3829	0.4175	0.4725	0.5690
WFT	3319.4	3132.1	2593.4	1937.7	1398.2
FN	325.11	268.97	76.70	-70.71	-163.33
W1	44.378	43.179	38.209	32.746	27.433
XNL	10997.	10697.	9566.	8411.	7299.
PB3	316.87	305.29	259.18	212.48	169.53
TB3	1364.0	1348.9	1286.7	1219.8	1149.3
P8	17.252	17.075	16.441	15.901	15.493
T8	1495.4	1474.5	1396.4	1324.6	1257.2

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	64.0000	65.0000	66.0000	67.0000	68.0000
ALT	0.	0.	0.	0.	0.
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	20.390	20.390	20.390	20.390	20.390
T2	569.65	569.65	569.65	569.65	569.65
PWSD	8813.3	8249.2	6513.9	4529.0	2976.4
EPWSD	9205.1	8538.8	6466.2	4225.4	2523.8
SFC	0.3886	0.3916	0.4111	0.4417	0.4878
ESFC	0.3721	0.3783	0.4141	0.4735	0.5753
WFT	3425.0	3230.1	2677.7	2000.5	1451.9
FN	220.51	162.96	-26.89	-170.87	-254.73
W1	46.178	44.912	39.858	34.209	28.925
XNL	10783.	10524.	9429.	8330.	7293.
PB3	329.86	317.65	270.50	222.10	178.91
TB3	1376.6	1361.2	1300.0	1233.5	1164.8
P8	17.449	17.255	16.582	16.001	15.573
T8	1486.2	1464.9	1386.0	1314.1	1244.1

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	69.0000	70.0000	71.0000	72.0000	73.0000
ALT	0.	0.	0.	0.	0.
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	21.349	21.349	21.349	21.349	21.349
T2	577.19	577.19	577.19	577.19	577.19
PWSD	9090.7	8520.9	6765.1	4707.3	3128.7
EPWSD	9408.8	8730.6	6611.1	4282.1	2550.8
SFC	0.3831	0.3857	0.4031	0.4323	0.4734
ESFC	0.3702	0.3765	0.4124	0.4752	0.5807
WFT	3482.7	3286.8	2726.7	2034.9	1481.3
FN	167.10	110.17	-80.88	-223.33	-303.55
W1	47.174	45.926	40.830	35.030	29.760
XNL	10693.	10414.	9349.	8278.	7288.
PB3	337.03	324.87	277.17	227.48	184.16
TB3	1383.4	1368.4	1307.7	1241.0	1173.1
P8	17.561	17.364	16.667	16.058	15.619
T8	1481.5	1459.9	1379.7	1308.7	1237.3

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	74.0000	75.0000	76.0000	77.0000	78.0000
ALT	0.	0.	0.	0.	0.
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	14.696	14.696	14.696	14.696	14.696
TAMB	518.67	518.67	518.67	518.67	518.67
P2	22.409	22.409	22.409	22.409	22.409
T2	585.24	585.24	585.24	585.24	585.24
PWSD	9398.7	8811.0	7030.0	4901.8	3294.3
EPWSD	9631.8	8925.9	6752.2	4338.6	2574.0
SFC	0.3775	0.3798	0.3951	0.4227	0.4591
ESFC	0.3684	0.3750	0.4113	0.4776	0.5876
WFT	3547.9	3346.8	2777.3	2072.1	1512.6
FN	114.80	56.56	-136.78	-277.37	-354.69
W1	48.304	47.014	41.843	35.923	30.662
XNL	10574.	10304.	9267.	8225.	7282.
PB3	345.17	332.63	284.13	233.33	189.83
TB3	1390.9	1376.0	1315.5	1249.0	1181.9
P8	17.693	17.484	16.758	16.123	15.670
T8	1476.5	1454.8	1373.7	1303.1	1230.4

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	80.0000	81.0000	82.0000	83.0000	84.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	12.574	12.574	12.574	12.574	12.574
T2	504.86	504.86	504.86	504.86	504.86
PWSD	6498.2	6073.1	4723.5	3188.7	2001.2
EPWSD	6871.2	6414.6	4952.6	3328.9	2078.5
SFC	0.4271	0.4306	0.4545	0.5003	0.5745
ESFC	0.4040	0.4077	0.4335	0.4792	0.5531
WFT	2775.7	2615.4	2146.8	1595.2	1149.7
FN	747.63	684.29	459.12	280.90	154.82
W1	36.045	34.976	30.491	25.808	21.442
XNL	12277.	11871.	10250.	8835.	7625.
PB3	257.05	246.95	206.53	167.09	132.23
TB3	1319.7	1303.8	1237.9	1168.0	1096.4
P8	14.276	14.122	13.574	13.137	12.820
T8	1510.4	1488.1	1407.4	1338.7	1272.7

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	85.0000	86.0000	87.0000	88.0000	89.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	13.017	13.017	13.017	13.017	13.017
T2	509.89	509.89	509.89	509.89	509.89
PWSD	6678.4	6241.5	4865.8	3300.0	2087.1
EPWSD	7162.3	6679.0	5144.4	3453.9	2154.6
SFC	0.4207	0.4239	0.4473	0.4908	0.5600
ESFC	0.3923	0.3961	0.4231	0.4690	0.5425
WFT	2809.6	2645.8	2176.4	1619.8	1168.9
FN	646.58	584.61	372.30	205.56	90.19
W1	36.588	35.482	31.027	26.327	21.926
XNL	12136.	11722.	10193.	8791.	7615.
PB3	260.94	250.56	210.19	170.50	135.26
TB3	1324.0	1308.0	1242.8	1173.6	1102.6
P8	14.331	14.171	13.618	13.171	12.844
T8	1504.7	1482.4	1402.3	1333.4	1266.8

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	90.0000	91.0000	92.0000	93.0000	94.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	13.655	13.655	13.655	13.655	13.655
T2	516.93	516.93	516.93	516.93	516.93
PWSD	6923.8	6480.2	5054.7	3455.9	2204.6
EPWSD	7472.7	6968.6	5340.9	3586.2	2229.0
SFC	0.4126	0.4151	0.4384	0.4785	0.5417
ESFC	0.3823	0.3860	0.4149	0.4611	0.5358
WFT	2856.7	2690.1	2215.8	1653.5	1194.2
FN.	550.09	489.41	286.78	130.59	24.45
W1	37.348	36.227	31.741	27.048	22.574
XNL	11938.	11524.	10101.	8732.	7590.
PB3	266.42	255.86	215.08	175.20	139.30
TB3	1330.1	1314.3	1249.4	1181.3	1110.7
P8	14.410	14.244	13.677	13.217	12.878
T8	1497.6	1474.8	1396.3	1326.5	1259.3

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	95.0000	96.0000	97.0000	98.0000	99.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	14.508	14.508	14.508	14.508	14.508
T2	525.98	525.98	525.98	525.98	525.98
PWSD	7238.9	6784.8	5306.7	3654.5	2359.0
EPWSD	7808.0	7279.8	5560.1	3722.8	2304.2
SFC	0.4030	0.4050	0.4276	0.4639	0.5202
ESFC	0.3736	0.3775	0.4081	0.4554	0.5325
WFT	2917.3	2747.9	2268.9	1695.3	1227.1
FN	456.24	396.89	203.18	54.72	-43.99
W1	38.341	37.205	32.715	27.949	23.424
XNL	11685.	11294.	9967.	8664.	7559.
PB3	273.56	262.84	221.74	181.14	144.62
TB3	1338.1	1322.3	1258.2	1190.8	1121.1
P8	14.515	14.342	13.759	13.279	12.923
T8	1488.9	1465.9	1388.7	1318.1	1249.9

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	100.0000	101.0000	102.0000	103.0000	104.0000
ALT	5000.0	5000.0	5000.0	5000.0	5000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	12.228	12.228	12.228	12.228	12.228
TAMB	500.84	500.84	500.84	500.84	500.84
P2	15.601	15.601	15.601	15.601	15.601
T2	537.04	537.04	537.04	537.04	537.04
PWSD	7626.9	7148.9	5630.0	3894.7	2551.5
EPWSD	8172.4	7607.6	5808.3	3857.4	2376.7
SFC	0.3924	0.3944	0.4147	0.4478	0.4964
ESFC	0.3662	0.3706	0.4020	0.4522	0.5329
WFT	2992.7	2819.4	2334.8	1744.2	1266.6
FN	364.44	306.43	119.19	-24.86	-116.81
W1	39.586	38.424	33.946	29.029	24.469
XNL	11404.	11072.	9827.	8569.	7519.
PB3	282.52	271.53	230.16	188.24	151.16
TB3	1347.9	1332.0	1269.3	1202.0	1133.5
P8	14.652	14.471	13.867	13.354	12.980
T8	1479.1	1456.6	1378.9	1308.7	1239.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	105.0000	106.0000	107.0000	108.0000	109.0000
ALT	100000.0	100000.0	100000.0	100000.0	100000.0
XM	0.2000	0.2000	0.2000	0.2000	0.2000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	10.393	10.393	10.393	10.393	10.393
T2	486.89	486.89	486.89	486.89	486.89
PWSD	6069.4	5581.7	4343.4	2970.3	1891.1
EPWSD	6431.0	5907.2	4558.2	3105.1	1966.9
SFC	0.4153	0.4218	0.4416	0.4827	0.5472
ESFC	0.3919	0.3986	0.4208	0.4618	0.5261
WFT	2520.4	2354.4	1918.1	1433.8	1034.9
FN	738.04	664.36	438.42	275.10	154.79
W1	32.494	31.195	26.900	22.907	19.044
XNL	12359.	12359.	10586.	9096.	7806.
PB3	231.65	220.17	182.08	148.23	117.39
TB3	1308.4	1289.7	1220.5	1152.6	1081.9
P8	12.096	11.914	11.362	10.963	10.664
T8	1487.5	1470.8	1390.2	1320.4	1253.5

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	110.0000	111.0000	112.0000	113.0000	114.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	10.759	10.759	10.759	10.759	10.759
T2	491.74	491.74	491.74	491.74	491.74
PWSD	6184.2	5715.2	4469.1	3066.0	1965.4
EPWSD	6659.4	6140.2	4736.9	3220.1	2038.1
SFC	0.4112	0.4165	0.4352	0.4744	0.5350
ESFC	0.3819	0.3877	0.4106	0.4517	0.5159
WFT	2543.2	2380.6	1944.8	1454.6	1051.4
FN	646.45	578.26	364.36	209.76	98.95
W1	32.856	31.621	27.374	23.337	19.449
XNL	12359.	12271.	10487.	9047.	7796.
PB3	234.25	223.20	185.31	151.04	119.92
TB3	1311.7	1293.5	1225.4	1157.8	1087.5
P8	12.138	11.959	11.402	10.992	10.686
T8	1484.8	1466.7	1385.4	1315.6	1248.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	115.0000	116.0000	117.0000	118.0000	119.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	11.286	11.286	11.286	11.286	11.286
T2	498.53	498.53	498.53	498.53	498.53
PWSD	6348.6	5922.9	4648.5	3195.9	2069.5
EPWSD	6895.9	6410.1	4935.4	3337.8	2111.3
SFC	0.4057	0.4087	0.4264	0.4637	0.5190
ESFC	0.3735	0.3776	0.4016	0.4440	0.5087
WFT	2575.6	2420.7	1982.2	1482.0	1074.1
FN	558.48	497.12	292.77	144.77	42.68
W1	33.373	32.278	28.038	23.907	20.012
XNL	12359.	12084.	10370.	8976.	7768.
PB3	237.97	227.88	189.87	154.78	123.43
TB3	1316.2	1299.3	1232.3	1164.5	1095.3
P8	12.198	12.028	11.460	11.032	10.717
T8	1481.1	1459.8	1378.6	1309.5	1241.0

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	120.0000	121.0000	122.0000	123.0000	124.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	11.991	11.991	11.991	11.991	11.991
T2	507.26	507.26	507.26	507.26	507.26
PWSD	6591.0	6191.6	4887.3	3368.7	2204.2
EPWSD	7173.9	6704.7	5160.2	3466.2	2185.1
SFC	0.3980	0.3994	0.4157	0.4506	0.5003
ESFC	0.3656	0.3688	0.3937	0.4380	0.5046
WFT	2623.1	2472.7	2031.7	1518.1	1102.7
FN	475.87	418.92	222.82	79.58	-15.59
W1	34.130	33.136	28.929	24.667	20.733
XNL	12238.	11841.	10241.	8885.	7728.
PB3	243.41	233.99	195.97	159.77	127.94
TB3	1322.7	1306.9	1241.2	1173.4	1105.1
P8	12.287	12.122	11.539	11.086	10.756
T8	1475.0	1451.4	1370.0	1301.7	1232.4

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	125.0000	126.0000	127.0000	128.0000	129.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	12.895	12.895	12.895	12.895	12.895
T2	517.93	517.93	517.93	517.93	517.93
PWSD	6926.5	6511.6	5173.2	3591.3	2368.6
EPWSD	7512.3	7014.4	5396.8	3611.5	2254.9
SFC	0.3883	0.3893	0.4040	0.4355	0.4800
ESFC	0.3580	0.3614	0.3873	0.4331	0.5042
WFT	2689.4	2534.8	2090.0	1564.1	1136.8
FN	398.50	342.09	152.13	13.71	-77.33
W1	35.196	34.181	29.988	25.652	21.610
XNL	11931.	11533.	10121.	8773.	7675.
PR3	251.08	241.44	203.23	166.22	133.42
TB3	1331.6	1316.3	1251.6	1184.5	1116.7
P8	12.413	12.240	11.637	11.158	10.807
T8	1466.2	1442.2	1360.7	1292.1	1222.7

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	130.0000	131.0000	132.0000	133.0000	134.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	14.024	14.024	14.024	14.024	14.024
T2	530.54	530.54	530.54	530.54	530.54
PWSD	7328.0	6894.1	5518.4	3850.6	2570.3
EPWSD	7882.4	7350.7	5656.8	3753.5	2325.2
SFC	0.3779	0.3786	0.3914	0.4196	0.4582
ESFC	0.3513	0.3550	0.3818	0.4305	0.5064
WFT	2768.9	2609.8	2160.0	1615.8	1177.6
FN	323.31	266.21	80.69	-56.62	-142.91
W1	36.503	35.454	31.281	26.780	22.680
XNL	11581.	11228.	9943.	8663.	7616.
PB3	260.48	250.51	212.07	173.62	140.11
TB3	1342.8	1327.3	1264.0	1197.1	1130.3
P8	12.574	12.388	11.760	11.244	10.872
T8	1456.2	1432.4	1350.4	1281.9	1211.8

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE 135.0000 136.0000 137.0000 138.0000 139.0000

ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	14.684	14.684	14.684	14.684	14.684
T2	537.56	537.56	537.56	537.56	537.56
PWSD	7553.4	7109.8	5709.7	3998.5	2684.1
EPWSD	8079.9	7530.4	5790.2	3827.3	2358.0
SFC	0.3726	0.3731	0.3850	0.4114	0.4471
ESFC	0.3483	0.3523	0.3796	0.4298	0.5089
WFT	2814.4	2652.6	2198.0	1645.0	1200.0
FN	286.57	228.91	43.80	-93.14	-177.50
W1	37.256	36.185	31.994	27.432	23.279
XNL	11412.	11088.	9847.	8600.	7582.
PB3	265.91	255.73	216.94	177.90	143.86
TB3	1349.1	1333.4	1270.8	1204.3	1137.8
P8	12.670	12.477	11.830	11.296	10.909
T8	1451.1	1427.3	1345.0	1276.4	1206.0

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	140.0000	141.0000	142.0000	143.0000	144.0000
ALT	10000.0	10000.0	10000.0	10000.0	10000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	10.106	10.106	10.106	10.106	10.106
TAMB	483.01	483.01	483.01	483.01	483.01
P2	15.413	15.413	15.413	15.413	15.413
T2	545.08	545.08	545.08	545.08	545.08
PWSD	7791.3	7333.4	5910.8	4157.4	2804.0
EPWSD	8279.9	7713.7	5923.4	3901.0	2385.3
SFC	0.3673	0.3684	0.3787	0.4031	0.4361
ESFC	0.3457	0.3502	0.3779	0.4296	0.5127
WFT	2862.1	2701.5	2238.2	1675.8	1222.9
FN	249.28	194.06	6.43	-130.84	-213.64
W1	38.050	37.031	32.760	28.128	23.903
XNL	11261.	10940.	9749.	8548.	7541.
PB3	271.03	261.77	222.18	182.47	147.76
TB3	1355.5	1340.6	1278.1	1211.9	1145.5
P8	12.774	12.584	11.907	11.352	10.948
T8	1446.2	1423.1	1339.9	1270.8	1200.5

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	145.0000	146.0000	147.0000	148.0000	149.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.3000	0.3000	0.3000	0.3000	0.3000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	8.829	8.829	8.829	8.829	8.829
T2	473.59	473.59	473.59	473.59	473.59
PWSD	5738.1	5302.1	4096.1	2826.2	1821.8
EPWSD	6207.3	5720.9	4354.3	2977.5	1896.7
SFC	0.4017	0.4062	0.4239	0.4591	0.5146
ESFC	0.3714	0.3765	0.3987	0.4357	0.4943
WFT	2305.2	2153.7	1736.2	1297.4	937.4
FN	650.42	580.58	358.04	209.67	103.80
W1	29.573	28.391	24.153	20.531	17.079
XNL	12359.	12359.	10897.	9308.	7944.
PB3	210.79	200.34	163.41	132.81	105.23
TB3	1300.6	1281.9	1209.2	1140.8	1070.9
P8	10.278	10.093	9.510	9.119	8.831
T8	1463.3	1445.0	1367.6	1298.0	1231.6

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	150.0000	151.0000	152.0000	153.0000	154.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	9.262	9.262	9.262	9.262	9.262
T2	480.13	480.13	480.13	480.13	480.13
PWSD	5873.6	5433.9	4258.1	2944.0	1917.9
EPWSD	6424.6	5920.8	4542.2	3092.9	1972.3
SFC	0.3970	0.4012	0.4149	0.4492	0.4998
ESFC	0.3629	0.3682	0.3889	0.4276	0.4860
WFT	2331.8	2180.0	1766.6	1322.4	958.6
FN	573.01	506.32	295.39	154.81	56.55
W1	29.986	28.819	24.682	21.040	17.588
XNL	12359.	12359.	10747.	9225.	7921.
PB3	213.75	203.38	167.03	136.14	108.41
TB3	1304.4	1286.2	1215.2	1147.5	1078.6
P8	10.332	10.145	9.558	9.157	8.861
T8	1460.6	1441.9	1360.3	1291.9	1224.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	155.0000	156.0000	157.0000	158.0000	159.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	9.840	9.840	9.840	9.840	9.840
T2	488.54	488.54	488.54	488.54	488.54
PWSD	6049.9	5606.6	4464.1	3097.4	2041.3
EPWSD	6649.7	6129.2	4747.2	3218.0	2050.8
SFC	0.3912	0.3949	0.4050	0.4374	0.4826
ESFC	0.3559	0.3613	0.3808	0.4210	0.4804
WFT	2366.9	2214.3	1807.8	1354.7	985.1
FN	498.92	434.72	235.47	100.30	7.91
W1	30.542	29.378	25.404	21.705	18.234
XNL	12359.	12359.	10589.	9125.	7886.
PB3	217.74	207.35	171.97	140.48	112.45
TB3	1309.8	1291.7	1223.2	1156.1	1088.2
P8	10.404	10.214	9.626	9.207	8.898
T8	1457.0	1438.0	1352.1	1284.3	1215.4

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	160.0000	161.0000	162.0000	163.0000	164.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	10.582	10.582	10.582	10.582	10.582
T2	498.82	498.82	498.82	498.82	498.82
PWSD	6271.7	5882.7	4720.4	3286.3	2193.3
EPWSD	6888.9	6415.9	4977.3	3350.6	2130.8
SFC	0.3845	0.3855	0.3944	0.4241	0.4638
ESFC	0.3501	0.3535	0.3741	0.4160	0.4774
WFT	2411.6	2267.9	1861.8	1393.8	1017.2
FN	427.84	369.56	178.08	44.56	-43.35
W1	31.253	30.251	26.367	22.519	19.031
XNL	12359.	12085.	10409.	9011.	7850.
PB3	222.85	213.57	178.57	145.81	117.43
TB3	1316.5	1299.9	1233.9	1166.4	1099.8
P8	10.500	10.320	9.720	9.271	8.947
T8	1452.8	1429.6	1342.9	1275.6	1205.4

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	165.0000	166.0000	167.0000	168.0000	169.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	11.509	11.509	11.509	11.509	11.509
T2	510.96	510.96	510.96	510.96	510.96
PWSD	6594.3	6217.4	5024.8	3517.8	2364.8
EPWSD	7205.5	6735.1	5228.0	3496.4	2199.1
SFC	0.3755	0.3755	0.3833	0.4096	0.4448
ESFC	0.3437	0.3467	0.3684	0.4122	0.4783
WFT	2476.4	2334.7	1926.2	1441.1	1051.9
FN	363.15	307.59	120.73	-12.73	-98.44
W1	32.288	31.358	27.529	23.520	19.916
XNL	12132.	11738.	10233.	8884.	7775.
PR3	230.28	221.47	186.52	152.38	122.96
TB3	1325.8	1310.4	1246.2	1178.7	1112.5
P8	10.638	10.459	9.839	9.352	9.004
T8	1445.1	1420.3	1333.2	1265.7	1195.6

** GF27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	170.0000	171.0000	172.0000	173.0000	174.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	12.050	12.050	12.050	12.050	12.050
T2	517.74	517.74	517.74	517.74	517.74
PWSD	6789.2	6406.2	5191.7	3652.3	2462.4
EPWSD	7390.7	6907.3	5356.2	3575.6	2232.7
SFC	0.3706	0.3704	0.3777	0.4019	0.4350
ESFC	0.3404	0.3436	0.3661	0.4105	0.4797
WFT	2516.1	2373.1	1960.8	1467.9	1071.1
FN	333.56	277.91	91.24	-42.51	-127.38
W1	32.929	32.006	28.156	24.098	20.415
XNL	11942.	11555.	10158.	8809.	7733.
PB3	234.91	226.08	190.83	156.16	126.07
TB3	1331.6	1316.6	1252.7	1185.7	1119.4
P8	10.728	10.545	9.905	9.401	9.036
T8	1440.4	1415.4	1328.5	1260.1	1190.3

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	175.0000	176.0000	177.0000	178.0000	179.0000
ALT	15000.0	15000.0	15000.0	15000.0	15000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	8.294	8.294	8.294	8.294	8.294
TAMB	465.18	465.18	465.18	465.18	465.18
P2	12.648	12.648	12.648	12.648	12.648
T2	524.98	524.98	524.98	524.98	524.98
PWSD	6997.4	6608.8	5372.3	3794.3	2568.2
EPWSD	7580.8	7085.4	5490.7	3652.3	2265.9
SFC	0.3656	0.3652	0.3720	0.3941	0.4251
ESFC	0.3374	0.3407	0.3639	0.4094	0.4818
WFT	2558.1	2413.7	1998.3	1495.2	1091.7
FN	303.33	247.79	61.58	-73.81	-157.17
W1	33.617	32.694	28.848	24.692	20.955
XNL	11737.	11356.	10054.	8739.	7689.
PB3	239.86	230.99	195.56	160.06	129.45
TB3	1337.9	1323.0	1259.8	1192.8	1126.9
P8	10.824	10.636	9.980	9.451	9.073
T8	1435.6	1410.4	1323.6	1254.6	1185.0

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNNE MASS. APRIL 26, 1979

CASE	180.0000	181.0000	182.0000	183.0000	184.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	7.542	7.542	7.542	7.542	7.542
T2	461.73	461.73	461.73	461.73	461.73
PWSD	5395.8	5010.2	3862.7	2686.7	1749.1
EPWSD	5949.5	5501.1	4145.6	2838.4	1811.6
SFC	0.3904	0.3931	0.4073	0.4363	0.4847
ESFC	0.3541	0.3580	0.3795	0.4130	0.4680
WFT	2106.6	1969.4	1573.3	1172.3	847.8
FN	587.17	520.50	299.89	160.85	66.26
W1	26.913	25.847	21.730	18.390	15.304
XNL	12359.	12359.	11268.	9506.	8074.
PB3	191.80	182.35	146.98	118.93	94.25
TB3	1294.1	1275.0	1199.2	1129.8	1060.7
P8	8.754	8.565	7.947	7.554	7.275
T8	1441.4	1421.5	1344.8	1274.9	1209.5

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	185.0000	186.0000	187.0000	188.0000	189.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	8.013	8.013	8.013	8.013	8.013
T2	469.82	469.82	469.82	469.82	469.82
PWSD	5547.2	5153.0	4045.4	2823.4	1862.8
EPWSD	6163.9	5692.8	4339.3	2959.5	1893.9
SFC	0.3852	0.3877	0.3977	0.4254	0.4685
ESFC	0.3467	0.3509	0.3708	0.4058	0.4608
WFT	2136.8	1997.6	1609.0	1201.1	872.7
FN	523.06	457.94	249.31	115.42	26.35
W1	27.376	26.297	22.347	18.967	15.891
XNL	12359.	12359.	11048.	9390.	8036.
PB3	195.11	185.55	151.19	122.69	97.92
TB3	1298.5	1279.8	1207.0	1138.1	1070.3
P8	8.821	8.627	8.008	7.601	7.311
T8	1438.5	1418.5	1336.3	1267.4	1200.3

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	190.0000	191.0000	192.0000	193.0000	194.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	8.616	8.616	8.616	8.616	8.616
T2	479.70	479.70	479.70	479.70	479.70
PWSD	5736.0	5333.8	4271.5	2999.0	1995.2
EPWSD	6389.5	5897.4	4554.4	3097.8	1972.5
SFC	0.3791	0.3813	0.3871	0.4126	0.4513
ESFC	0.3404	0.3449	0.3630	0.3994	0.4565
NFT	2174.8	2033.9	1653.4	1237.3	900.4
FN	461.94	398.36	200.00	69.87	-16.05
W1	27.962	26.887	23.122	19.702	16.555
XNL	12359.	12359.	10804.	9269.	7981.
PB3	199.32	189.75	156.49	127.49	102.07
TB3	1304.2	1286.2	1216.5	1148.5	1081.0
P8	8.908	8.708	8.088	7.662	7.354
T8	1435.2	1414.7	1326.8	1258.0	1190.6

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	195.0000	196.0000	197.0000	198.0000	199.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	9.371	9.371	9.371	9.371	9.371
T2	491.38	491.38	491.38	491.38	491.38
PWSD	5960.2	5563.8	4531.2	3204.3	2155.1
EPWSD	6624.8	6128.3	4781.4	3242.0	2054.4
SFC	0.3725	0.3739	0.3766	0.3991	0.4330
ESFC	0.3351	0.3394	0.3569	0.3944	0.4542
WFT	2219.9	2080.1	1706.4	1278.7	933.1
FN	402.65	342.01	151.62	22.84	-61.02
W1	28.678	27.633	24.055	20.555	17.358
XNL	12359.	12308.	10578.	9124.	7918.
PB3	204.47	195.10	162.88	133.07	107.09
TB3	1311.5	1294.0	1227.6	1160.2	1093.6
P8	9.016	8.815	8.189	7.735	7.409
T8	1431.2	1409.7	1317.6	1248.1	1180.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	200.0000	201.0000	202.0000	203.0000	204.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERA41	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	9.812	9.812	9.812	9.812	9.812
T2	497.90	497.90	497.90	497.90	497.90
PWSD	6089.2	5725.4	4678.5	3320.2	2247.2
EPWSD	6751.0	6284.0	4905.9	3317.8	2097.4
SFC	0.3689	0.3688	0.3716	0.3921	0.4234
ESFC	0.3327	0.3360	0.3543	0.3923	0.4536
WFT	2246.1	2111.4	1738.4	1301.7	951.5
FN	374.25	315.93	128.62	-1.36	-84.67
W1	29.095	28.144	24.630	21.037	17.817
XNL	12359.	12109.	10462.	9046.	7885.
PB3	207.45	198.71	166.79	136.22	109.96
TB3	1315.7	1299.0	1234.3	1166.7	1100.8
P8	9.081	8.886	8.254	7.778	7.440
T8	1429.1	1405.1	1313.0	1242.9	1174.3

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	205.0000	206.0000	207.0000	208.0000	209.0000
ALT	20000.0	20000.0	20000.0	20000.0	20000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WR3Q	0.	0.	0.	0.	0.
PAMB	6.753	6.753	6.753	6.753	6.753
TAMB	447.35	447.35	447.35	447.35	447.35
P2	10.299	10.299	10.299	10.299	10.299
T2	504.86	504.86	504.86	504.86	504.86
PWSD	6241.7	5901.0	4837.0	3446.2	2344.2
EPWSD	6896.4	6452.1	5036.8	3396.1	2138.3
SFC	0.3648	0.3639	0.3664	0.3849	0.4139
ESFC	0.3302	0.3328	0.3519	0.3906	0.4538
WFT	2276.9	2147.4	1772.5	1326.4	970.3
FN	347.11	292.18	105.91	-26.54	-109.13
W1	29.589	28.739	25.238	21.557	18.295
XNL	12300.	11911.	10351.	8976.	7851.
PB3	210.96	202.95	170.98	139.63	112.94
TB3	1320.5	1305.0	1241.3	1173.6	1108.1
P8	9.158	8.971	8.326	7.825	7.474
T8	1426.2	1400.5	1308.4	1237.5	1168.6

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNNE MASS. APRIL 26, 1979

CASE 210.0000 211.0000 212.0000 213.0000 214.0000

ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	6.090	6.090	6.090	6.090	6.090
T2	443.32	443.32	443.32	443.32	443.32
PWSD	4911.2	4575.6	3461.7	2427.0	1581.3
EPWSU	5462.2	5066.8	3738.9	2577.8	1648.9
SFC	0.3856	0.3872	0.4019	0.4252	0.4711
ESFC	0.3467	0.3497	0.3721	0.4003	0.4518
WFT	1893.6	1771.7	1391.2	1031.9	744.9
FN	596.26	531.58	299.98	163.11	73.17
W1	24.032	23.096	19.010	15.956	13.229
XNL	12359.	12359.	11782.	9775.	8268.
PB3	171.22	162.90	128.46	103.10	81.42
TB3	1283.6	1264.6	1182.9	1111.3	1042.3
P8	7.418	7.233	6.576	6.193	5.931
T8	1424.3	1403.2	1331.1	1259.0	1195.1

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	215.0000	216.0000	217.0000	218.0000	219.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	6.470	6.470	6.470	6.470	6.470
T2	451.09	451.09	451.09	451.09	451.09
PWSD	5044.9	4701.3	3289.8	2350.3	1676.9
EPwSU	5672.0	5254.5	3533.9	2472.2	1723.0
SFC	0.3809	0.3823	0.3962	0.4224	0.4566
ESFC	0.3388	0.3421	0.3688	0.4016	0.4444
WFT	1921.5	1797.4	1303.4	992.8	765.7
FN	542.95	478.90	211.31	105.52	39.93
W1	24.450	23.496	18.553	15.875	13.705
XNL	12359.	12359.	10939.	9355.	8199.
PB3	174.22	165.75	123.80	101.65	84.37
TB3	1287.7	1269.0	1168.3	1105.5	1051.1
P8	7.486	7.293	6.493	6.173	5.962
T8	1421.9	1400.6	1298.6	1238.5	1186.7

** GE27/T3' STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	220.0000	221.0000	222.0000	223.0000	224.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAMI	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	6.958	6.958	6.958	6.958	6.958
T2	460.58	460.58	460.58	460.58	460.58
PWSD	5207.5	4855.8	3819.4	2706.4	1795.7
EPWSD	5889.1	5449.4	4122.1	2829.1	1803.7
SFC	0.3755	0.3766	0.3829	0.4026	0.4404
ESFC	0.3320	0.3356	0.3548	0.3851	0.4385
WFT	1955.2	1828.6	1462.4	1089.5	790.9
FN	491.70	428.20	218.36	88.56	5.78
W1	24.950	23.986	20.196	17.086	14.288
XNL	12359.	12359.	11332.	9547.	8135.
PB3	177.81	169.22	136.61	110.50	88.01
TB3	1292.9	1274.3	1199.0	1129.4	1061.6
P8	7.571	7.369	6.707	6.290	6.002
T8	1419.5	1397.6	1314.2	1241.5	1177.0

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	225,0000	226,0000	227,0000	228,0000	229,0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	7.567	7.567	7.567	7.567	7.567
T2	471.80	471.80	471.80	471.80	471.80
PWSD	5399.1	5035.6	4048.2	2890.8	1940.7
EPWSD	6113.9	5647.5	4337.6	2973.0	1891.4
SFC	0.3693	0.3702	0.3726	0.3898	0.4230
ESFC	0.3262	0.3301	0.3477	0.3790	0.4341
WFT	1994.1	1864.2	1508.2	1126.8	821.0
FN	442.01	378.40	178.93	50.78	-30.48
W1	25.559	24.556	20.988	17.834	15.002
XNL	12359.	12359.	11023.	9387.	8057.
PB3	182.17	173.27	142.01	115.39	92.46
TB3	1299.2	1280.7	1209.7	1141.0	1074.1
P8	7.672	7.459	6.799	6.358	6.053
T8	1416.1	1394.4	1304.6	1231.3	1165.9

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	230.0000	231.0000	232.0000	233.0000	234.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	7.923	7.923	7.923	7.923	7.923
T2	478.05	478.05	478.05	478.05	478.05
PWSD	5508.5	5140.5	4179.3	2995.5	2021.1
EPWSD	6233.3	5755.9	4456.4	3050.1	1935.4
SFC	0.3661	0.3668	0.3673	0.3831	0.4142
ESFC	0.3235	0.3276	0.3444	0.3763	0.4325
WFT	2016.6	1885.8	1534.9	1147.7	837.1
FN	418.34	355.18	159.92	31.50	-49.47
W1	25.905	24.906	21.454	18.258	15.389
XNL	12359.	12359.	10865.	9304.	8021.
PB3	184.65	175.76	145.20	118.15	94.88
TB3	1302.8	1284.7	1215.8	1147.3	1080.8
P8	7.732	7.516	6.855	6.398	6.082
T8	1414.5	1392.5	1299.5	1226.0	1160.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	235.0000	236.0000	237.0000	238.0000	239.0000
ALT	25000.0	25000.0	25000.0	25000.0	25000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	5.454	5.454	5.454	5.454	5.454
TAMB	429.52	429.52	429.52	429.52	429.52
P2	8.316	8.316	8.316	8.316	8.316
T2	484.74	484.74	484.74	484.74	484.74
PWSD	5622.2	5254.3	4320.0	3106.1	2108.3
EPWSD	6351.0	5868.2	4581.0	3128.6	1980.4
SFC	0.3628	0.3633	0.3621	0.3767	0.4052
ESFC	0.3212	0.3253	0.3414	0.3740	0.4314
WFT	2039.6	1909.1	1564.2	1170.2	854.4
FN	394.32	332.17	141.23	12.14	-69.19
W1	26.269	25.284	21.970	18.719	15.810
XNL	12359.	12359.	10734.	9221.	7983.
PB3	187.27	178.45	148.70	121.17	97.51
TB3	1306.8	1289.1	1222.5	1154.2	1087.9
P8	7.796	7.577	6.919	6.443	6.113
T8	1412.8	1390.5	1294.7	1220.7	1154.4

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE 240.0000 241.0000 242.0000 243.0000 244.0000

ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.4000	0.4000	0.4000	0.4000	0.4000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	4.873	4.873	4.873	4.873	4.873
T2	424.91	424.91	424.91	424.91	424.91
PWSD	4243.2	4122.0	3062.7	2174.6	1411.5
EPWSD	4749.9	4605.9	3330.0	2320.8	1480.7
SFC	0.3831	0.3836	0.3986	0.4143	0.4592
ESFC	0.3422	0.3433	0.3666	0.3882	0.4377
WFT	1625.5	1581.1	1220.8	901.0	648.1
FN	560.16	534.96	295.53	161.52	76.48
W1	20.810	20.472	16.464	13.722	11.311
XNL	12359.	12359.	12271.	10110.	8439.
PB3	147.37	144.36	111.24	88.62	69.56
TB3	1262.0	1254.0	1165.2	1091.9	1022.2
P8	6.178	6.104	5.413	5.040	4.796
T8	1396.9	1387.7	1321.2	1243.0	1182.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE 245.0000 246.0000 247.0000 248.0000 249.0000

ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	5.178	5.178	5.178	5.178	5.178
T2	432.35	432.35	432.35	432.35	432.35
PWSD	4531.6	4243.9	3199.2	2284.8	1496.0
EPWSD	5158.6	4802.4	3495.8	2433.7	1552.3
SFC	0.3786	0.3789	0.3904	0.4046	0.4457
ESFC	0.3325	0.3348	0.3573	0.3798	0.4296
WFT	1715.5	1607.9	1249.0	924.3	666.8
FN	554.47	493.87	262.21	131.69	49.78
W1	21.683	20.876	16.928	14.167	11.726
XNL	12359.	12359.	12071.	9985.	8389.
PB3	154.46	147.22	114.39	91.52	72.14
TB3	1277.1	1258.2	1172.3	1100.1	1031.0
P8	6.358	6.172	5.467	5.080	4.825
T8	1407.9	1385.0	1313.6	1234.9	1173.5

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	250.0000	251.0000	252.0000	253.0000	254.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	5.568	5.568	5.568	5.568	5.568
T2	441.45	441.45	441.45	441.45	441.45
PWSD	4679.7	4380.1	3364.1	2422.0	1601.4
EPWSD	5379.5	4994.9	3675.8	2561.1	1631.9
SFC	0.3738	0.3737	0.3811	0.3936	0.4305
ESFC	0.3251	0.3277	0.3488	0.3723	0.4225
WFT	1749.1	1636.9	1282.1	953.4	689.5
FN	515.72	453.05	229.68	102.48	22.49
W1	22.179	21.319	17.476	14.727	12.237
XNL	12359.	12359.	11813.	9828.	8324.
PB3	158.01	150.36	118.14	95.18	75.32
TB3	1282.2	1263.1	1180.5	1110.1	1041.5
P8	6.452	6.250	5.534	5.133	4.862
T8	1405.7	1382.7	1305.0	1225.6	1163.4

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	255.0000	256.0000	257.0000	258.0000	259.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	6.055	6.055	6.055	6.055	6.055
T2	452.20	452.20	452.20	452.20	452.20
PWSD	4844.4	4536.4	3855.8	3175.0	1727.6
EPWSD	5598.5	5190.4	4245.8	3401.0	1718.1
SFC	0.3684	0.3680	0.3712	0.3728	0.4145
ESFC	0.3188	0.3216	0.3371	0.3480	0.4168
WFT	1784.9	1669.5	1431.1	1183.5	716.1
FN	476.33	413.08	246.34	142.76	-5.98
W1	22.713	21.826	19.023	17.046	12.847
XNL	12359.	12359.	12097.	10737.	8226.
P83	161.84	153.96	130.18	113.32	79.11
TB3	1287.9	1269.1	1211.0	1163.6	1053.7
P8	6.555	6.340	5.777	5.435	4.908
T8	1403.7	1380.1	1320.8	1261.4	1152.5

** GF27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	260.0000	261.0000	262.0000	263.0000	264.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	6.340	6.340	6.340	6.340	6.340
T2	458.20	458.20	458.20	458.20	458.20
PWSD	4934.3	4624.4	3676.9	2669.2	1797.7
EPWSD	5709.7	5292.4	3989.8	2768.0	1762.0
SFC	0.3656	0.3650	0.3662	0.3768	0.4064
ESFC	0.3160	0.3189	0.3375	0.3633	0.4146
WFT	1804.2	1687.8	1346.4	1005.7	730.5
FN	457.12	393.78	184.44	58.24	-21.01
W1	23.006	22.115	18.559	15.751	13.182
XNL	12359.	12359.	11381.	9603.	8180.
PR3	163.94	156.01	125.53	101.87	81.21
TB3	1291.1	1272.5	1196.3	1127.8	1060.3
P8	6.613	6.392	5.673	5.235	4.935
T8	1402.7	1378.8	1290.8	1211.4	1146.9

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	265.0000	266.0000	267.0000	268.0000	269.0000
ALT	30000.0	30000.0	30000.0	30000.0	30000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	4.364	4.364	4.364	4.364	4.364
TAMB	411.68	411.68	411.68	411.68	411.68
P2	6.655	6.655	6.655	6.655	6.655
T2	464.61	464.61	464.61	464.61	464.61
PWSD	5030.6	4719.8	3796.5	2763.1	1872.4
EPWSD	5823.4	5398.6	4103.3	2841.2	1806.1
SFC	0.3627	0.3618	0.3611	0.3711	0.3982
ESFC	0.3134	0.3163	0.3341	0.3609	0.4128
WFT	1824.8	1707.8	1370.8	1025.4	745.6
FN	438.19	375.16	169.54	43.16	-36.63
W1	23.322	22.429	18.979	16.144	13.536
XNL	12359.	12359.	11203.	9510.	8129.
PB3	166.20	158.24	128.38	104.43	83.41
TB3	1294.7	1276.2	1202.4	1134.4	1067.0
P8	6.675	6.451	5.728	5.276	4.963
T8	1401.7	1377.4	1285.8	1206.6	1141.4

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	270.0000	271.0000	272.0000	273.0000	274.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	4.103	4.103	4.103	4.103	4.103
T2	413.62	413.62	413.62	413.62	413.62
PWSD	3554.1	3553.9	2823.1	2017.1	1319.6
EPWSD	4054.5	4054.1	3116.5	2165.9	1381.5
SFC	0.3792	0.3791	0.3876	0.3975	0.4358
ESFC	0.3324	0.3324	0.3511	0.3702	0.4163
WFT	1347.5	1347.4	1094.3	801.9	575.0
FN	452.47	452.25	265.26	134.61	55.95
W1	17.727	17.726	14.669	12.105	9.933
XNL	12359.	12359.	12359.	10368.	8578.
PB3	123.99	123.98	99.08	78.15	61.08
TB3	1231.3	1231.3	1156.3	1080.2	1010.2
P8	5.078	5.077	4.500	4.112	3.872
T8	1357.7	1357.6	1302.1	1221.6	1160.7

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	275.0000	276.0000	277.0000	278.0000	279.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	4.412	4.412	4.412	4.412	4.412
T2	422.32	422.32	422.32	422.32	422.32
PWSD	3922.5	3872.3	2938.8	2140.2	1408.0
EPWSD	4558.0	4491.9	3254.4	2288.8	1453.6
SFC	0.3746	0.3744	0.3807	0.3869	0.4223
ESFC	0.3224	0.3227	0.3438	0.3618	0.4090
WFT	1469.4	1449.7	1118.9	828.0	594.5
FN	478.81	466.81	237.76	111.99	34.35
W1	18.888	18.739	15.060	12.595	10.357
XNL	12359.	12359.	12332.	10184.	8492.
PB3	133.46	132.13	101.78	81.34	63.71
TB3	1255.2	1251.3	1162.7	1090.2	1020.1
P8	5.342	5.302	4.555	4.161	3.905
T8	1378.4	1373.3	1297.2	1211.7	1151.4

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	280.0000	281.0000	282.0000	283.0000	284.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	4.798	4.798	4.798	4.798	4.798
T2	432.60	432.60	432.60	432.60	432.60
PWSD	4273.9	4021.3	3109.5	2272.5	1516.1
EPWSD	5047.8	4702.0	3442.1	2410.4	1534.9
SFC	0.3706	0.3691	0.3715	0.3770	0.4074
ESFC	0.3138	0.3157	0.3356	0.3554	0.4024
WFT	1584.0	1484.4	1155.3	856.7	617.6
FN	499.82	439.64	214.80	89.07	12.16
W1	20.005	19.260	15.657	13.139	10.869
XNL	12359.	12359.	12051.	10000.	8399.
PB3	142.50	135.83	105.81	84.89	66.89
TB3	1276.1	1257.2	1172.3	1101.0	1031.8
P8	5.618	5.408	4.637	4.219	3.946
T8	1396.5	1371.0	1288.7	1203.1	1140.7

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	285.0000	286.0000	287.0000	288.0000	289.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	5.023	5.023	5.023	5.023	5.023
T2	438.33	438.33	438.33	438.33	438.33
PWSD	4565.7	4099.3	3200.0	2350.4	1579.2
EPWSD	5456.3	4805.3	3536.0	2480.2	1580.5
SFC	0.3695	0.3664	0.3667	0.3718	0.3994
ESFC	0.3091	0.3125	0.3319	0.3523	0.3991
WFT	1686.8	1501.9	1173.5	873.9	630.7
FN	536.85	425.52	202.54	78.24	0.74
W1	20.869	19.526	15.959	13.469	11.162
XNL	12359.	12359.	11877.	9894.	8355.
PB3	149.90	137.72	107.86	87.05	68.71
TB3	1294.0	1260.4	1177.1	1107.3	1038.3
P8	5.862	5.463	4.680	4.255	3.970
T8	1417.6	1370.0	1284.2	1198.4	1134.7

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	290.0000	291.0000	292.0000	293.0000	294.0000
ALT	35000.0	35000.0	35000.0	35000.0	35000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	3.458	3.458	3.458	3.458	3.458
TAMB	393.85	393.85	393.85	393.85	393.85
P2	5.273	5.273	5.273	5.273	5.273
T2	444.46	444.46	444.46	444.46	444.46
PWSD	4447.7	4177.8	3298.3	2432.7	1647.8
EPWSD	5287.7	4904.5	3635.2	2551.5	1628.1
SFC	0.3653	0.3635	0.3617	0.3660	0.3913
ESFC	0.3073	0.3097	0.3282	0.3495	0.3960
WFT	1624.9	1518.8	1193.1	891.8	644.8
FN	474.65	410.67	190.39	67.12	-11.12
W1	20.613	19.788	16.283	13.816	11.480
XNL	12359.	12359.	11701.	9799.	8303.
PB3	146.86	139.57	110.09	89.31	70.69
TB3	1283.0	1263.7	1182.3	1114.0	1045.2
P8	5.754	5.520	4.727	4.294	3.997
T8	1394.5	1369.1	1279.6	1193.7	1128.5

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	295.0000	296.0000	297.0000	298.0000	299.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.227	3.227	3.227	3.227	3.227
T2	409.54	409.54	409.54	409.54	409.54
PWSD	2782.2	2781.8	2185.4	1549.5	1003.9
EPWSD	3175.7	3175.0	2410.0	1661.4	1049.5
SFC	0.3815	0.3814	0.3914	0.4025	0.4443
ESFC	0.3342	0.3342	0.3549	0.3754	0.4250
WFT	1061.3	1061.1	855.3	623.6	446.1
FN	357.60	357.28	204.06	101.67	41.41
W1	13.955	13.954	11.379	9.336	7.635
XNL	12359.	12359.	12359.	10268.	8454.
PB3	97.45	97.44	76.86	60.31	47.01
TR3	1221.3	1221.3	1145.2	1069.2	999.5
P8	3.997	3.995	3.521	3.218	3.033
T8	1357.5	1357.3	1309.1	1229.0	1169.6

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	300.0000	301.0000	302.0000	303.0000	304.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.470	3.470	3.470	3.470	3.470
T2	418.15	418.15	418.15	418.15	418.15
PWSD	3064.4	3064.6	2296.6	1650.0	1077.3
EPWSD	3563.7	3563.9	2542.3	1763.0	1110.8
SFC	0.3764	0.3764	0.3834	0.3918	0.4295
ESFC	0.3237	0.3237	0.3463	0.3667	0.4166
WFT	1153.5	1153.5	880.5	646.5	462.8
FN	378.10	378.10	186.12	85.58	25.35
W1	14.906	14.906	11.779	9.756	7.991
XNL	12359.	12359.	12249.	10108.	8388.
PB3	104.99	104.99	79.57	63.03	49.21
TH3	1244.4	1244.4	1153.3	1079.8	1009.8
P8	4.204	4.204	3.575	3.260	3.060
T8	1372.6	1372.6	1301.9	1218.9	1159.3

** GF27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	305.0000	306.0000	307.0000	308.0000	309.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.774	3.774	3.774	3.774	3.774
T2	428.33	428.33	428.33	428.33	428.33
PWSO	3407.9	3207.1	2445.7	1769.3	1167.9
EPWSO	4043.6	3766.2	2709.9	1877.2	1181.7
SFC	0.3730	0.3713	0.3738	0.3808	0.4136
ESFC	0.3144	0.3162	0.3374	0.3589	0.4087
WFT	1271.2	1190.8	914.3	673.7	483.0
FN	412.63	362.89	171.52	70.03	8.99
W1	16.005	15.402	12.322	10.261	8.428
XNL	12359.	12359.	12014.	9926.	8324.
PB3	114.01	108.61	83.27	66.31	51.91
TR3	1271.2	1252.3	1164.0	1092.0	1022.1
P8	4.485	4.310	3.651	3.313	3.095
T8	1398.8	1372.9	1292.0	1208.3	1147.5

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	310.0000	311.0000	312.0000	313.0000	314.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.951	3.951	3.951	3.951	3.951
T2	434.01	434.01	434.01	434.01	434.01
PWSD	3473.3	3270.8	2526.9	1835.4	1219.5
EPWSD	4137.8	3853.5	2798.0	1938.3	1220.2
SFC	0.3705	0.3686	0.3689	0.3753	0.4051
ESFC	0.3110	0.3129	0.3352	0.3553	0.4049
WFT	1286.8	1205.8	932.3	688.8	494.0
FN	402.50	352.98	164.20	62.31	0.39
W1	16.238	15.628	12.612	10.546	8.671
XNL	12359.	12359.	11875.	9822.	8278.
PB3	115.68	110.22	85.24	68.16	53.41
TB3	1274.5	1255.6	1169.6	1098.8	1028.9
P8	4.537	4.360	3.693	3.344	3.115
T8	1397.8	1372.0	1287.1	1203.0	1141.0

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	315.0000	316.0000	317.0000	318.0000	319.0000
ALT	40000.0	40000.0	40000.0	40000.0	40000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.720	2.720	2.720	2.720	2.720
TAMB	389.97	389.97	389.97	389.97	389.97
P2	4.147	4.147	4.147	4.147	4.147
T2	440.08	440.08	440.08	440.08	440.08
PWSD	3544.4	3334.1	2610.6	1906.2	1273.6
EPWSD	4236.9	3935.8	2885.5	2002.2	1258.3
SFC	0.3679	0.3658	0.3639	0.3697	0.3968
ESFC	0.3077	0.3099	0.3292	0.3520	0.4017
WFT	1303.9	1219.8	950.0	704.7	505.4
FN	393.26	341.67	156.16	54.50	8.69
W1	16.490	15.843	12.902	10.848	8.924
XNL	12359.	12359.	11716.	9741.	8211.
PB3	117.48	111.74	87.22	70.13	54.98
TR3	1278.0	1258.9	1175.2	1105.7	1035.9
P8	4.596	4.407	3.736	3.378	3.136
T8	1397.1	1371.2	1282.3	1197.7	1134.7

** GE27/T3 STUDY A1 **
 ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	320.0000	321.0000	322.0000	323.0000	324.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.5000	0.5000	0.5000	0.5000	0.5000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	2.538	2.538	2.538	2.538	2.538
T2	409.54	409.54	409.54	409.54	409.54
PWSD	2098.4	2098.4	1590.2	1118.0	721.6
EPWSD	2382.9	2382.9	1741.4	1193.2	750.3
SFC	0.3852	0.3852	0.3990	0.4161	0.4615
ESFC	0.3392	0.3392	0.3644	0.3899	0.4439
WFT	808.3	808.3	634.5	465.2	333.0
FN	258.52	258.49	137.34	68.35	26.01
W1	10.512	10.511	8.365	6.912	5.657
XNL	12359.	12359.	12148.	9871.	8197.
PB3	73.56	73.55	56.58	44.76	34.93
TR3	1213.7	1213.7	1131.7	1059.1	990.4
P8	3.067	3.066	2.695	2.491	2.361
T8	1371.7	1371.7	1325.5	1248.4	1187.3

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	325.0000	326.0000	327.0000	328.0000	329.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.6000	0.6000	0.6000	0.6000	0.6000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB30	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	2.729	2.729	2.729	2.729	2.729
T2	418.15	418.15	418.15	418.15	418.15
PWSD	2317.2	2317.0	1693.2	1200.0	779.5
EPWSD	2680.0	2679.6	1860.1	1274.7	798.1
SFC	0.3792	0.3792	0.3890	0.4035	0.4447
ESFC	0.3279	0.3279	0.3541	0.3798	0.4343
WFT	878.7	878.6	658.6	484.1	346.6
FN	274.73	274.61	126.38	56.60	14.13
W1	11.291	11.287	8.742	7.252	5.942
XNL	12359.	12359.	11976.	9751.	8158.
PB3	79.58	79.56	59.13	46.96	36.69
TB3	1236.9	1236.8	1141.7	1070.0	1001.2
P8	3.225	3.225	2.742	2.523	2.381
T8	1381.0	1381.1	1314.9	1236.6	1175.9

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	330.0000	331.0000	332.0000	333.0000	334.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.7000	0.7000	0.7000	0.7000	0.7000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	2.968	2.968	2.968	2.968	2.968
T2	428.33	428.33	428.33	428.33	428.33
PWSD	2616.9	2436.0	1813.4	1296.2	850.2
EPWSU	3091.8	2844.5	1992.3	1365.6	853.1
SFC	0.3750	0.3736	0.3785	0.3906	0.4268
ESFC	0.3174	0.3200	0.3446	0.3708	0.4254
WFT	981.4	910.1	686.5	506.3	362.9
FN	308.23	265.69	116.11	45.10	1.85
W1	12.270	11.718	9.184	7.658	6.288
XNL	12359.	12359.	11751.	9632.	8094.
PB3	87.53	82.67	62.13	49.58	38.82
TB3	1267.0	1245.2	1153.5	1082.7	1013.8
P8	3.462	3.312	2.801	2.564	2.408
T8	1407.6	1379.7	1303.6	1224.3	1163.1

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	335.0000	336.0000	337.0000	338.0000	339.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.7500	0.7500	0.7500	0.7500	0.7500
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.107	3.107	3.107	3.107	3.107
T2	434.01	434.01	434.01	434.01	434.01
PWSD	2789.0	2490.3	1881.0	1351.6	891.2
EPWSD	3336.5	2916.7	2065.1	1417.0	883.8
SFC	0.3739	0.3707	0.3733	0.3841	0.4177
ESFC	0.3126	0.3165	0.3400	0.3664	0.4212
WFT	1042.9	923.2	702.1	519.1	372.2
FN	331.67	258.34	111.50	39.61	-4.52
W1	12.832	11.915	9.434	7.895	6.489
XNL	12359.	12359.	11638.	9578.	8057.
PB3	92.18	84.06	63.83	51.12	40.07
TR3	1284.1	1248.9	1160.0	1089.9	1020.9
P8	3.616	3.353	2.835	2.589	2.424
T8	1424.9	1378.3	1297.8	1217.8	1156.2

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE	340.0000	341.0000	342.0000	343.0000	344.0000
ALT	45000.0	45000.0	45000.0	45000.0	45000.0
XM	0.8000	0.8000	0.8000	0.8000	0.8000
ERAM1	1.0000	1.0000	1.0000	1.0000	1.0000
WB3Q	0.	0.	0.	0.	0.
PAMB	2.139	2.139	2.139	2.139	2.139
TAMB	389.97	389.97	389.97	389.97	389.97
P2	3.261	3.261	3.261	3.261	3.261
T2	440.08	440.08	440.08	440.08	440.08
PWSD	2713.8	2544.3	1954.0	1412.8	933.4
EPWSD	3227.4	2986.4	2142.7	1473.1	913.6
SFC	0.3696	0.3679	0.3680	0.3774	0.4089
ESFC	0.3108	0.3134	0.3356	0.3620	0.4177
WFT	1003.0	935.9	719.1	533.2	381.6
FN	291.74	251.11	107.14	34.26	-11.25
W1	12.637	12.108	9.708	8.158	6.694
XNL	12359.	12359.	11520.	9524.	8016.
PB3	90.06	85.43	65.69	52.82	41.33
TB3	1272.1	1252.7	1166.9	1097.7	1028.0
P8	3.542	3.394	2.874	2.617	2.440
T8	1402.5	1377.1	1292.0	1211.0	1149.7

** GE27/T3 STUDY A1 **
ESTIMATED PERFORMANCE LYNN MASS. APRIL 26, 1979

CASE 345.

ALT	0.
XM	0.
ERAM1	1.0000
WB3Q	0.
PAMB	14.696
TAMB	549.47
P2	14.696
T2	549.47
PWSD	6651.3
EPWSD	7032.5
SFC	0.4492
ESFC	0.4248
WFT	2987.7
FN	953.01
W1	37.463
XNL	11742.
PB3	272.63
TB3	1386.9
P8	16.648
T8	1604.6

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